

UMMC Standard Operating Procedure For Handling

Tricaine Methanesulfonate (MS-222)

MS-222(Tricaine Methanesulfonate) is not a biohazard nor, when properly mixed with water as an anesthetic, a chemical hazard to the environment. It is widely accepted and safe uses include sedation or anesthesia of aquatic species for trans-shipment, sorting and grading of farmed fish, sampling of captive and native populations, biological and physiological research, surgery, and health examinations. The pure powder form can be hazardous to human when preparing the mixtures in water. Each PI should review the MSDS sheet for any chemical used for recommend safety precautions and handling procedures. Any unused MS-222 powder should be disposed through the Department of Environmental Health and Safety. Additional information for training and review:

[Document 1](#)

[Document 2](#)